PARTIAL PEPTIDE OF HUMAN NERVE GROWTH FACTOR, ANTIBODY AND USE THEREOF

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Abstract of **JP3163095**

NEW MATERIAL:A partial polypeptide containing continuous amino acids among human NGF sequence containing at least one of amino acid of Ser at the third position, Ile at the 6th position, Arg at the 9th position, Met at the 37th position, Gly at the 40th position, Lys at the 50th position, Asp at the 60th position, Pro at the 61st position, Asp at the 65th position, met at the 92nd position, Gly at the 94th position, Val at the 117th position and Ala at 120th position of human nerve growth factor (human NGF) or a partial peptide prepared by replacing partial constituent amino acids of the partial peptide with other amino acids. EXAMPLE:A compound shown by the formula. USE:A conjugated protein of the partial peptide and carrier protein is used as an immunological protein for preparing an antibody useful for detecting and determining human NGF. PREPARATION:Being synthesized by well-known peptide synthesis such as solid-phase synthesis method.

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